

ABSTRACT

An electronic spoiler having adjustable heights includes an electronic elevator mechanism and a spoiler. The electronic spoiler having adjustable heights is disposed in a rear trunk of an automobile, and utilizes

5 the electronic elevator mechanism for adjusting heights of the spoiler.

The structure is characterized that, the electronic elevator mechanism is consisted of a stand assembly, a trunk upper seat, spoiler positioning seats and a transmission system; and is disposed at an appropriate location in the rear trunk. The trunk upper seat is disposed at the trunk

10 by penetrating guide tubes through the stand assembly. Above the guide tubes are the spoiler positioning seats fastened by screwing means to further join to the spoiler. An upper-and-lower limit switch disposed at the fixed stand define a maximum range of the elevator mechanism, and is capable of adjusting heights of the spoiler in a non-segmented manner for

15 elevating stability during high-speed traveling.